

**Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2016, United States**

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum				Biomass		Geothermal <sup>e</sup>	Solar <sup>e,f</sup>	Retail Electricity Sales		Net Energy <sup>e,g</sup>	Electrical System Energy Losses <sup>h</sup>	Total <sup>e,g</sup>
			Distillate Fuel Oil	HGL <sup>c</sup>	Kerosene	Total	Wood <sup>d</sup>	Billion Kilowatthours			Billion				
	Million Short Tons	Billion Cubic Feet	Million Barrels				Million Cords				Kilowatthours				
1960	24	3,103	269	79	62	411	31	--	--	--	201	--	--	--	--
1965	15	3,903	294	100	59	453	23	--	--	--	291	--	--	--	--
1970	9	4,837	322	143	53	518	20	--	--	--	466	--	--	--	--
1975	3	4,924	310	133	28	472	21	--	--	--	588	--	--	--	--
1980	1	4,752	226	81	19	326	42	--	--	--	717	--	--	--	--
1985	2	4,433	188	82	28	297	51	--	--	--	794	--	--	--	--
1990	1	4,391	168	92	11	271	29	--	--	--	924	--	--	--	--
1995	1	4,850	155	103	13	271	26	--	--	--	1,043	--	--	--	--
1996	1	5,241	159	122	16	297	27	--	--	--	1,083	--	--	--	--
1997	1	4,984	150	119	16	285	21	--	--	--	1,076	--	--	--	--
1998	1	4,520	133	111	19	262	19	--	--	--	1,130	--	--	--	--
1999	1	4,726	142	137	20	299	20	--	--	--	1,145	--	--	--	--
2000	(s)	4,996	155	145	17	317	21	--	--	--	1,192	--	--	--	--
(s)	4,771	156	137	17	310	19	--	--	--	--	1,202	--	--	--	--
2001	1	4,889	148	140	11	298	19	--	--	--	1,265	--	--	--	--
2002	1	5,079	160	142	12	314	20	--	--	--	1,276	--	--	--	--
2003	1	4,869	159	133	15	307	21	--	--	--	1,292	--	--	--	--
2004	(s)	4,827	147	134	15	295	21	--	--	--	1,359	--	--	--	--
2005	(s)	4,368	122	116	12	250	19	--	--	--	1,352	--	--	--	--
2006	(s)	4,722	125	126	8	258	21	--	--	--	1,392	--	--	--	--
2007	0	4,892	130	144	4	278	24	--	--	--	1,381	--	--	--	--
2008	0	4,779	101	143	5	248	25	--	--	--	1,365	--	--	--	--
2009	0	4,782	97	138	5	R 240	22	--	--	--	1,446	--	--	--	--
2010	0	4,714	90	128	3	R 222	23	--	--	--	1,423	--	--	--	--
2011	0	4,150	84	103	1	R 188	21	--	--	--	1,375	--	--	--	--
2012	0	4,897	85	121	1	R 207	29	--	--	--	1,395	--	--	--	--
2013	0	5,087	92	127	2	R 222	29	--	--	--	1,407	--	--	--	--
2014	0	R 4,613	96	116	2	R 213	22	--	--	--	1,404	--	--	--	--
2015	0	4,345	75	112	2	190	17	--	--	--	1,411	--	--	--	--
Trillion Btu															
1960	578	3,212	1,568	305	354	2,227	627	NA	NA	687	7,331	1,701	9,033		
1965	348	4,019	1,713	385	334	2,432	468	NA	NA	993	8,260	2,372	10,632		
1970	207	4,953	1,878	549	298	2,725	401	NA	NA	1,591	9,877	3,851	13,728		
1975	62	5,024	1,807	512	161	2,479	425	NA	NA	2,007	9,997	4,816	14,814		
1980	31	4,855	1,316	311	107	1,734	846	NA	NA	2,448	9,845	5,886	15,731		
1985	39	4,566	1,092	314	159	1,565	1,010	NA	NA	2,709	9,835	6,206	16,041		
1990	31	4,519	978	352	64	1,394	582	6	55	3,153	9,694	7,243	16,937		
1995	17	4,984	904	395	74	1,373	520	7	63	3,557	10,481	8,032	18,513		
1996	16	5,391	925	469	89	1,483	540	7	63	3,694	11,153	8,350	19,503		
1997	16	5,125	874	455	93	1,421	428	7	62	3,671	10,694	8,265	18,959		
1998	12	4,671	771	424	108	1,303	380	8	62	3,856	10,258	8,689	18,947		
1999	14	4,857	827	526	111	1,464	390	9	60	3,906	10,665	8,873	19,538		
2000	11	5,104	904	555	95	1,553	420	9	58	4,069	11,190	9,198	20,389		
2001	11	4,902	907	526	95	1,528	374	9	55	4,100	10,950	9,075	20,025		
2002	12	5,006	859	537	60	1,456	380	10	53	4,317	11,211	9,551	20,762		
2003	12	5,224	931	544	70	1,546	400	13	52	4,353	11,576	9,507	21,082		
2004	11	4,993	923	512	85	1,519	410	14	51	4,408	11,386	9,656	21,042		
2005	8	4,958	853	513	84	1,450	428	16	50	4,638	11,527	10,044	21,571		
2006	6	4,483	709	446	66	1,221	380	18	53	4,611	10,752	9,872	20,623		
2007	8	4,849	721	484	44	1,249	420	22	55	4,750	11,334	10,155	21,489		
2008	0	5,018	750	553	21	1,324	470	26	58	4,711	11,589	10,046	21,634		
2009	0	4,899	582	547	28	R 1,157	504	33	60	4,657	R 11,290	9,760			
2010	0	4,887	561	529	29	R 1,120	440	37	65	4,933	R 11,463	10,296	R 21,759		
2011	0	4,817	523	492	19	R 1,033	450	40	71	4,855	R 11,249	10,022	R 21,271		
2012	0	4,253	482	395	8	R 885	420	40	79	4,690	R 10,351	9,459	R 19,810		
2013	0	5,037	491	463	8	R 962	580	40	R 91	4,759	R 11,454	9,574	R 21,028		
2014	0	5,258	533	489	14	R 1,035	R 587	40	109	4,801	R 11,812	9,614	R 21,426		
2015	0	4,794	551	445	10	R 1,006	R 436	40	R 127	4,791	R 11,178	9,330	R 20,508		
2016	0	4,524	434	429	14	877	349	40	160	4,815	10,750	9,300	20,050		

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.<sup>b</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.<sup>d</sup> Wood and wood-derived fuels.<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.<sup>f</sup> Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.<sup>g</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.<sup>h</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.